ProV

Progressive PC/TV Box

User Manual

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Chapter 1 Introduction

Thanks for your purchase of this product. With this product, you can use your computer monitor to watch TV/CATV, VCR, LD, DVD or play video game. Without turning on your computer, the system set up is very easy and there is no additional requirement for hardware or software. You don't need to learn a complicated set up procedure and you can enjoy your product with just plug and play.

1.1 Important Notices

Please use the product under a normal environment

1. Try to avoid the following circumstances.
   - Heat or direct sunlight places
   - Location with huge magnetic field
   - Unstable or vibrational places
   - Exposure to rain or moisture places
2. For the unauthorized person, please don't serve this product : otherwise the damage caused by unauthorized servicing is not covered by warranty.
3. Unplug this product from AC outlet and remove batteries from IR control, when this product is left unused for a long time.

1.2 Product Functions

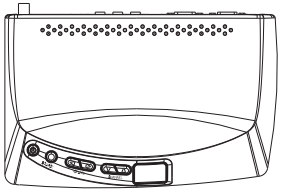
- With the advanced video processing technology, the TV composite VIDEO, S-VIDEO signal can be displayed on PC monitor.
- Double scan conversion (15.75 KHz to 31.5 Khz).
- View external video on any VGA monitor (CRT, LCD or Plasma).
- With built-in audioloop, the audio signal coming from PC can pass through to PC speakers at any circumstance (ProV power on or power off).
- Full screen, true color display.
- Support one of following TV systems : NTSC, PAL (B/G, D/K, I), PAL M/N or Scan D/K TV system.
- Built-in TV tuner for receiving terrestrial or cable TV.
- Easy operation - With one button to switch signals coming from composite VIDEO, S-VIDEO, CABLE/TV or PC.
- Automatic channel scan to detect the program channels.
- On screen display operation with IR remote controller.
- MTS supported for NTSC system. (Available in North America & Taiwan market.)

1.3 Package Contents

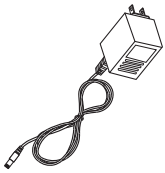
As you unpack the product, please make sure the following items were included. If any of these items are missing, call your local agencies.

1. Main body x1
2. Power supply x1
3. VGA cable.....x1
4. Audio cable x1
5. A/V cable x1
6. AAA batteries x2
7. IR control.....x1
8. User manual.....x1
9. Coaxial cable .....x1 (option)
10. Two way splitter .....x1 (option)
11. Indoor amplifier (HDA-series).....x1 (option)

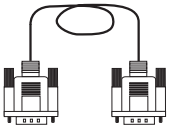
1. Main body



2. Power supply



3. VGA cable



4. Audio cable

5. A/V cable

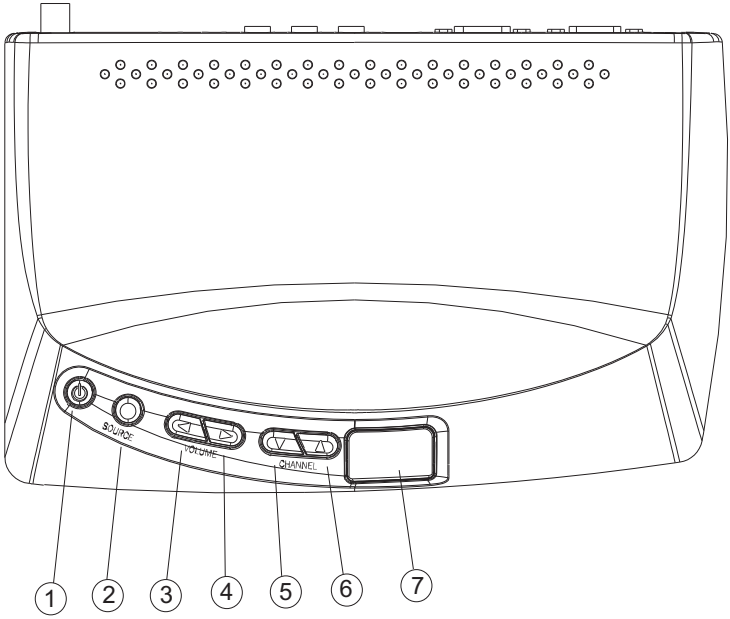
6. AAA batteries x2

7. IR control

Chapter 2 Installation

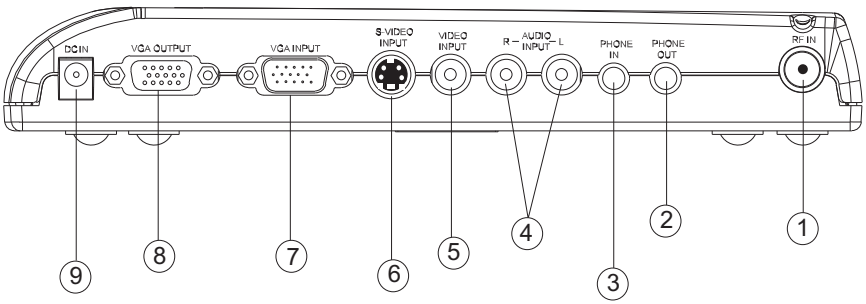
2.1 Product Outward

2.1.1 Front view of main body



① **POWER** : turn on or off the main body. The ProV is in standby mode when power is off.
② **SOURCE** : selection C-VIDEO, S-VIDEO, CABLE/TV, PC. Press the "SOURCE" button to switch the signals from C-VIDEO, S-VIDEO, CABLE/TV or PC.
③ **VOLUME** ◁ : lower the sound volume.
④ **VOLUME** ▷ : raise the sound volume.
⑤ **CHANNEL** ▽ : select the next lower channel.
⑥ **CHANNEL** △ : select the next higher channel.
⑦ Indicator for Power, autoscan and IR receiver : using LED to indicate the status of power, autoscan and IR receiver.

2.1.2 Rear view of main body



① **RF IN**

Please connect to antenna or cable TV signal.

② **PHONE OUT**

Please connect the PHONE OUT to your speakers.

③ **PHONE IN**

Please connect the audio from sound card to PHONE IN. Thus, even if your product is off, you should be able to hear the sound from speakers.

④ **AUDIO (L & R) INPUT**

Please connect the external AUDIO INPUT to box.

⑤ **VIDEO INPUT**

Please connect the external video from VCR, LD, V8 or video game to the VIDEO INPUT of box.

⑥ **S-VIDEO INPUT**

If the external video is s-video, please connect to the S-VIDEO INPUT of box.

⑦ **VGA INPUT**

Please use the 15-pin VGA cable in the package contents. Connect one side to the VGA output of your computer and the other side to VGA INPUT of product.

⑧ **VGA OUTPUT**

Please connect your monitor 15 pin connector to here.

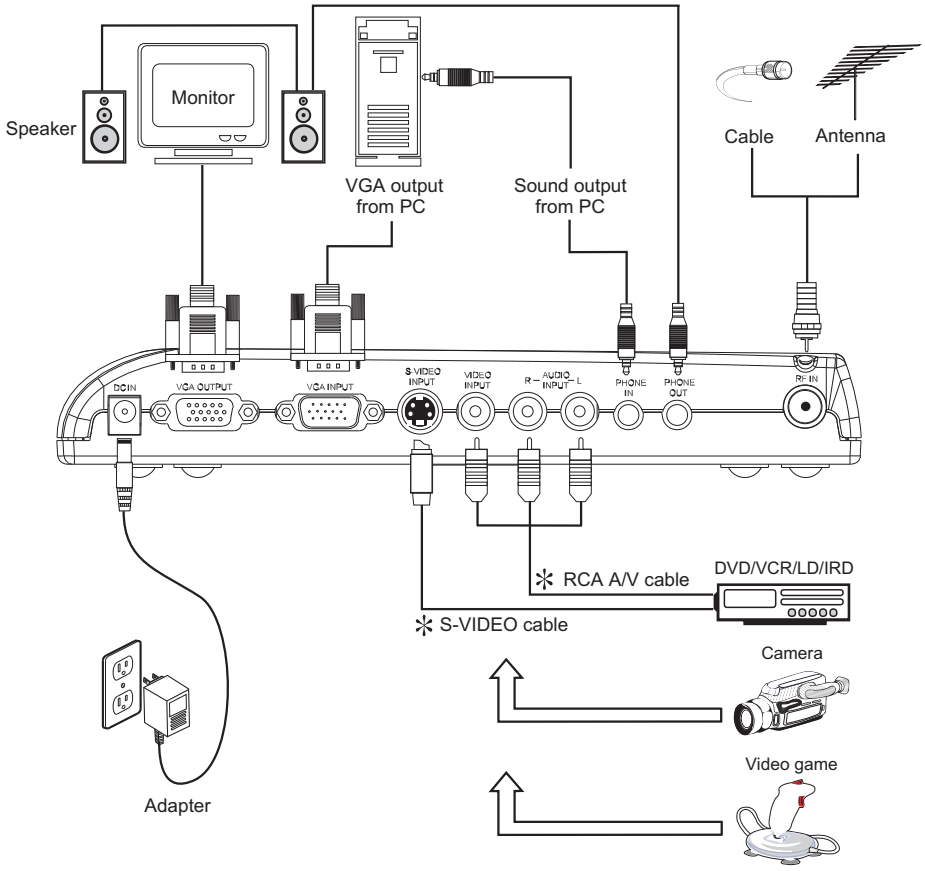
⑨ **DC IN**

Please connect to your 12V power supply.

2.2 System Installation :

Please refer to the example closest to your configuration

2.2.1 For analog TV and A/V devices connection



! Please turn off the power of all devices before connection.

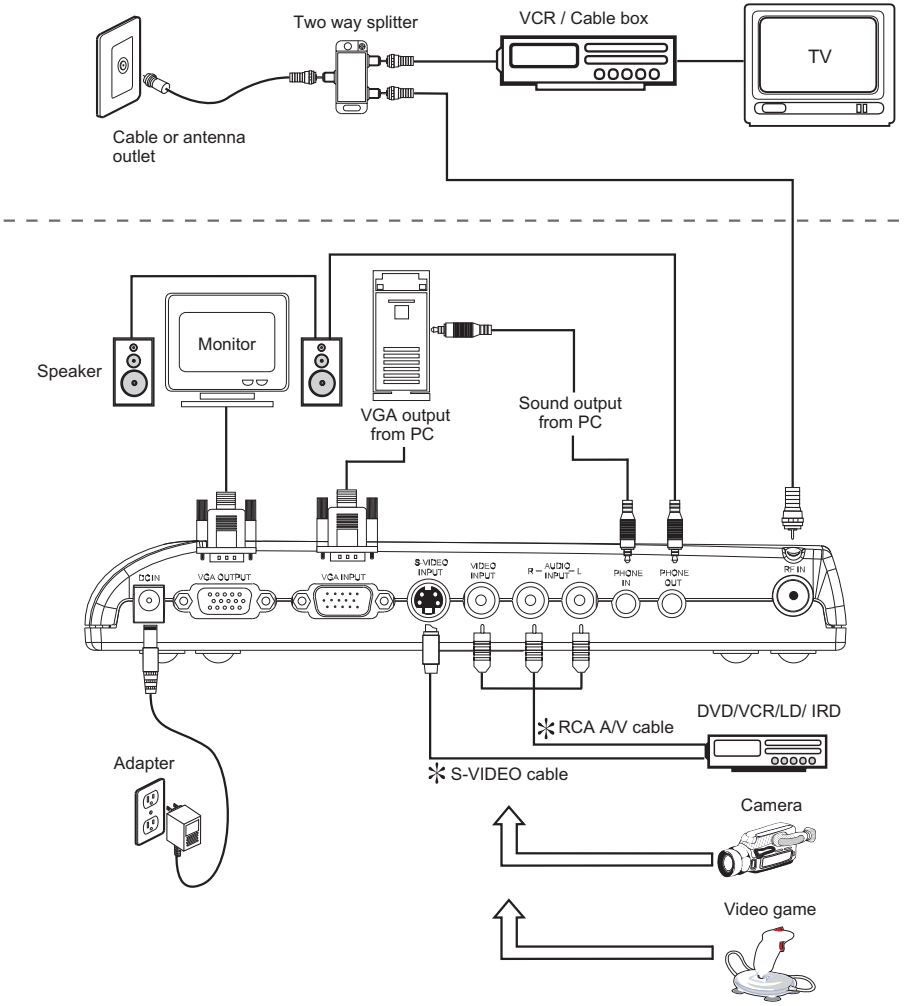
※Audio/video connection:

For audio connection, please use RCA audio(L+R) connector. For video connection, please choose either RCA video connector or s-video connector.

※※Moreover, for connection to monitor alone please omit those connections associated with PC.

2.2.2 Connecting to the signal from other room :

When there is no signal available in your room, and must connecting to signal from other room



! Please turn off the power of all devices before connection.

※Audio/video connection:

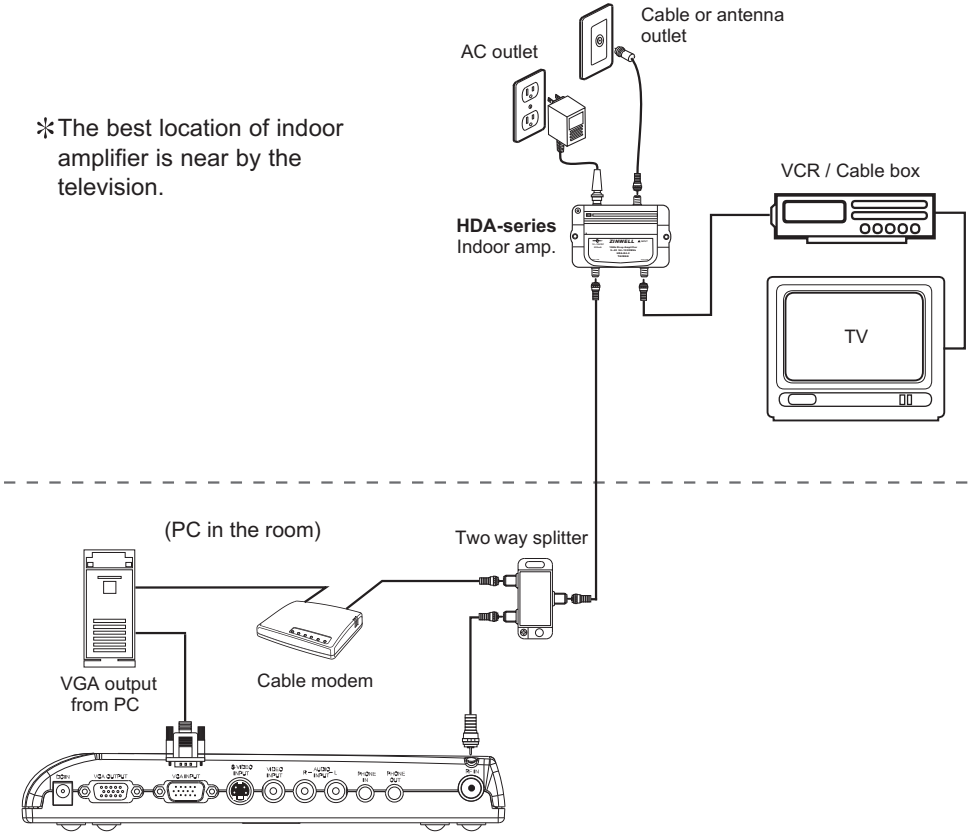
For audio connection, please use RCA audio(L+R) connector. For video connection, please choose either RCA video connector or s-video connector.

※※Moreover, for connection to monitor alone please omit those connections associated with PC.

2.2.3 Long distance wiring connection :

When there is no TV signal outlet available in your room and you must have a long distance wiring to the signal from other room, it is strongly recommended to install a low noise indoor amplifier (HDA-series), to compensate the signal loss caused by splitter and long distance wiring. For more information about drop amplifier, please contact your local dealer. Moreover, please omit the splitter connection in following figure if there is no cable modem in your application.

✻The best location of indoor amplifier is near by the television.



! For other connections not seen in this figure, please refer to p6, p7.

Chapter 3 Operation Instruction

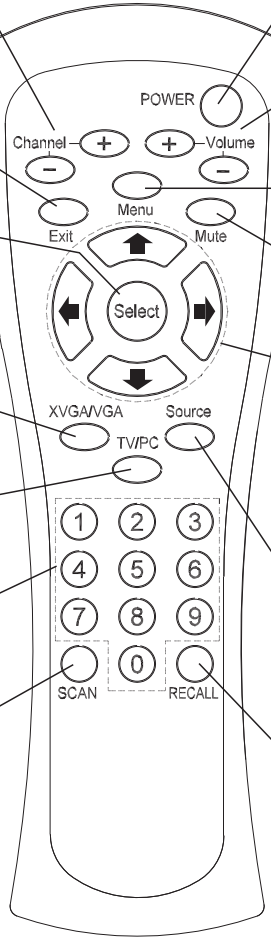
3.1 Initial Setting

When you finished the connections of product, because all the function settings are in the IR control, please refer the following instructions of IR control and start the system setting.

Steps:

1. Please install 2 AAA batteries into IR control.
2. Please refer to p6, 7, 8 for your configuration.
3. Turn on the power.
4. Press the "SOURCE" button to select signal source.
5. Press the "SCAN" button to scan and memorize program channels.
6. After the auto scan is finished, please press "▲","▼" or channel number keys to select the channel. (Autoscan function is available on partial NTSC & PAL system market.)

3.2 IR Control



14 CH+ / CH-
Select channels up or down

13 Exit
Exit the current menu selection and return to the parent menu. Press this key repeatedly to close all menus.

12 Select
Select the currently highlighted menu item

11 XVGA/VGA
Select resolution of 1024x768, 800x600 and 640x480

10 TV/PC
Toggle between TV mode and PC mode

9 0~9 Number Keys
Used to select cable TV or Terrestrial program

8 SCAN
Scan program channels automatically and save scanned channel

1 POWER
Switch between power-on and power-off

2 VOL+ / VOL -
Adjust the volume

3 Menu
Display the main menu

4 Mute
Turn the sound on/off

5 ⬅ ➡
Adjust the selected item on menu or adjust the volume

⬆ ⬇
Press to select desired item on the menu or select channels up or down

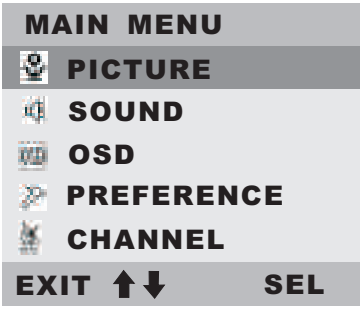
6 Source
Select input sources of : C-VIDEO, S-VIDEO, CABLE/TV, PC

7 RECALL
Display the last selected channel

3.3 Advanced Setting

3.3.1 **MAIN MENU**

The **MAIN MENU** shown below displays when you press "**Menu**" button. Press "▲" or "▼" button to select one of them below and press "**Select**" button to enter Sub-Menu.



3.3.2 **PICTURE setting**

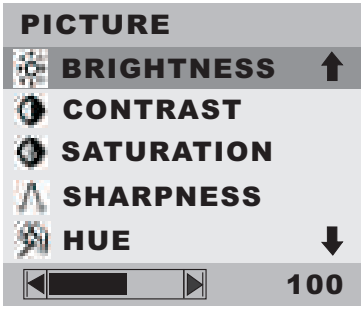
PICTURE Sub-Menu provides **BRIGHTNESS, CONTRAST, SATURATION, SHARPNESS, HUE** adjustment modes and **RESET**.

① To select **BRIGHTNESS, CONTRAST, SATURATION, SHARPNESS** or **HUE**, press "▲" or "▼" button.

② To adjust selected item, press "◀" or "▶" button.

③ When you are finished making all picture adjustments, press "**Exit**" button back to main menu.

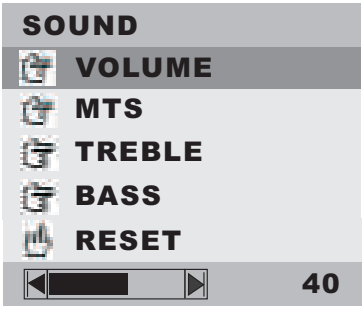
④ Select **RESET** to return adjustments back to factory settings.

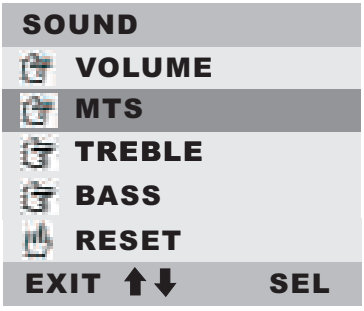


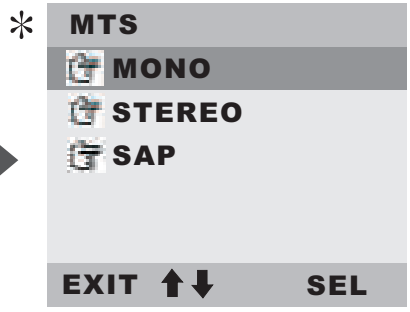
3.3.3 **SOUND setting**

SOUND Sub-Menu provides **VOLUME, MTS(*), TREBLE, BASS** adjustment modes and **RESET**.

① To select **VOLUME, MTS, TREBLE** or **BASS**, press " ▲ " or " ▼ " button.
② To adjust selected item, press " ◀ " or " ▶ " button.
③ To enter **MONO, STEREO** or **SAP**, press "**Select**" button in **MTS(*)**. Press " ▲ " or " ▼ " button to select one of them, and press "**Select**" button to confirm setting and return to Sub-Menu simultaneously.
④ When you are finished making all sound adjustments, press "**Exit**" button back to main menu.
⑤ Select **RESET** to return adjustments back to factory settings.





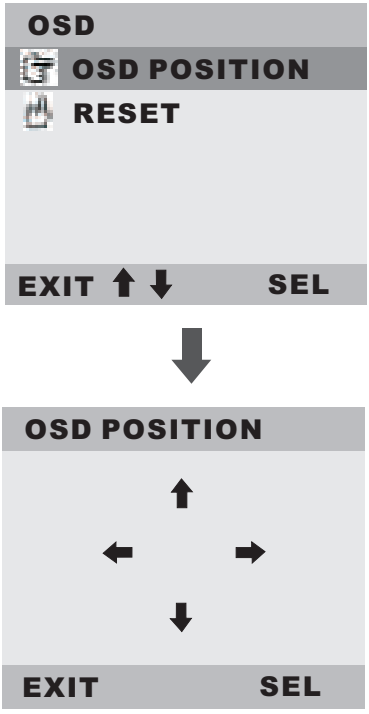


* MTS function is only available in North America & Taiwan market.

3.3.4 **OSD setting**

OSD Sub-Menu provides **OSD POSITION** selected mode and **RESET**.

① To enter **OSD POSITION**, press "Select" button in **OSD**. Using " ⬆ ", " ⬇ " or " ⬅ ", " ➡ " button to adjust **OSD** menu to where you want on the screen.
② When you are finished making **OSD POSITION** adjustment, press "Exit" button back to main menu.
③ Select **RESET** to return adjustments back to factory settings.



3.3.5 **PREFERENCE setting**

PREFERENCE Sub-Menu provides **RESOLUTION, INPUT SIGNAL** and **TUNER INPUT** modes.

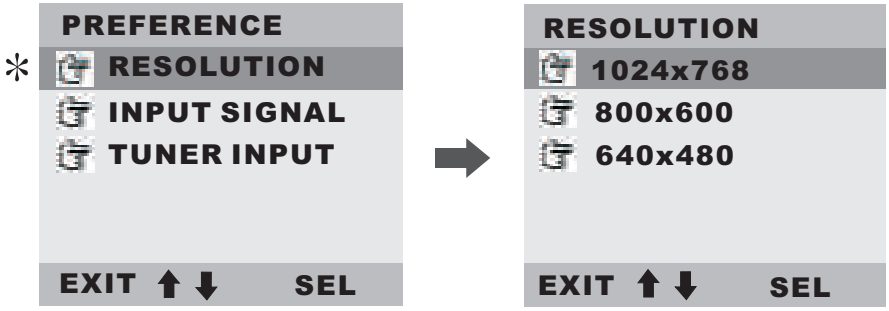
① To select **RESOLUTION** , **INPUT SIGNAL** or **TUNER INPUT**, press " ⬆ " or " ⬇ " button.

② To enter **"1024 x 768", "800 x 600"** or **"640 x 480"**, press "Select" button in **RESOLUTION**. Press " ⬆ " or " ⬇ " button to select one of them, then press "Select" button to confirm setting and return to Sub-Menu simultaneously.

③ To enter **C-VIDEO, S-VIDEO** or **CABLE/TV**, press "**Select**" button in **INPUT SIGNAL**, press " ⬆ " or " ⬇ " button to select one of them, and press "**Select**" button to confirm setting and return to Sub-Menu simultaneously.

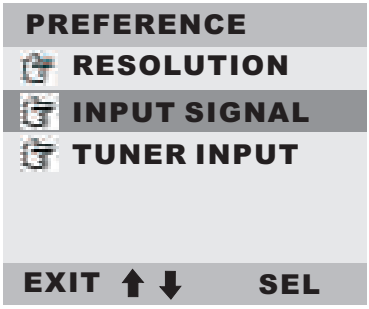
✻④ To enter **ANTENNA** or **CATV**, press "**Select**" button in **TUNER INPUT**, press " ⬆ " or " ⬇ " button to select one of them,
and press "**Select**" button to confirm setting and return to Sub-Menu simultaneously.

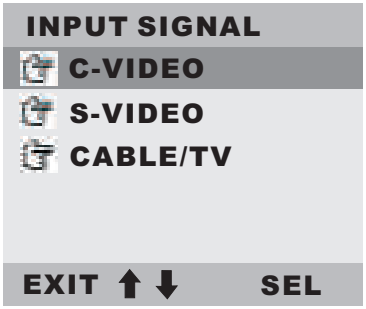
⑤ When you are finished making all selections, press "**Exit**" button back to main menu.

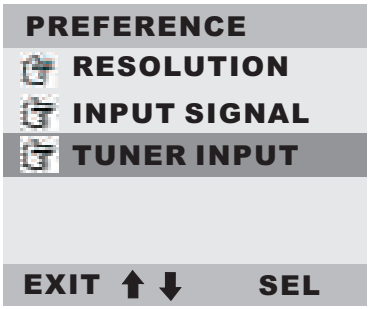


✻ PAL system :
Have a good image quality, you can switch to 1024x768, 800x600.

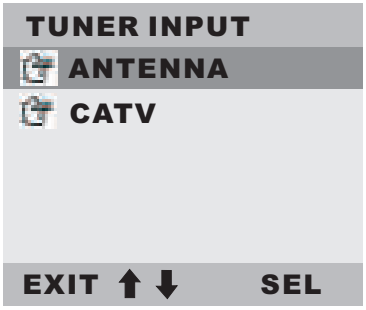
✻ The box with CATV STD, CATV HRC or CATV IRC on TUNER INPUT mode is only available in North America.



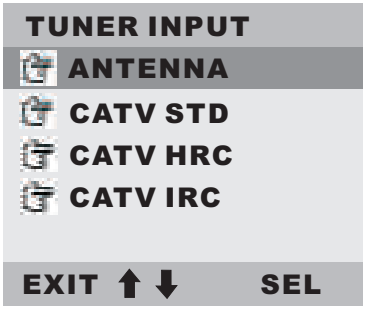




✻



or



✻ Remark:
If there is no TUNER INPUT on preference menu, please execute "**Autoscan**" directly!

✻ CATV STD, CATV HRC or CATV IRC on TUNER INPUT mode is only available in North America.

3.3.6 **CHANNEL setting**

CHANNEL provides **AUTOSCAN** and **CH ADD/REMOVE** functionalities.

① To select **AUTOSCAN, CH ADD/REMOV** or **CHANNEL LABEL**, press " ↑ " or " ↓ " button.

② Before scanning channels, please go to TUNER INPUT and select appropriate frequency tables among ANTENNA, CATV STD, CATV HRC or CATV IRC.

③ To scan program channels automatically, press "**Select**" button in **AUTOSCAN**. After finishing **AUTOSCAN**, scanned program channel will be saved.

④ **CH ADD/REMOVE :**

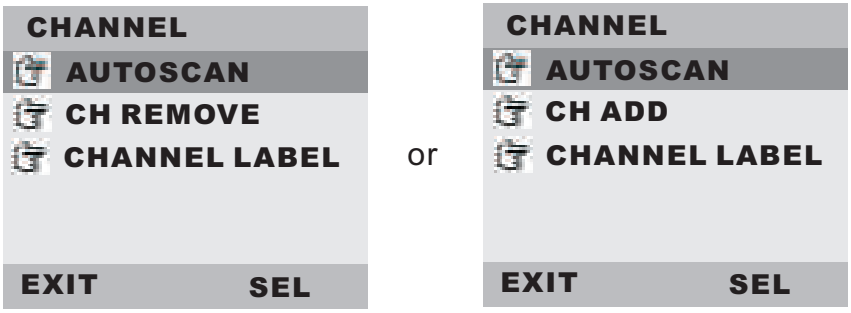
For example to remove CH60

- Please use IR control to select CH60
- Then enter the CHANNEL menu. Use "↑" or "↓" button to access CH REMOVE
- Confirm CH REMOVE by pressing the "Select" button at your IR control.

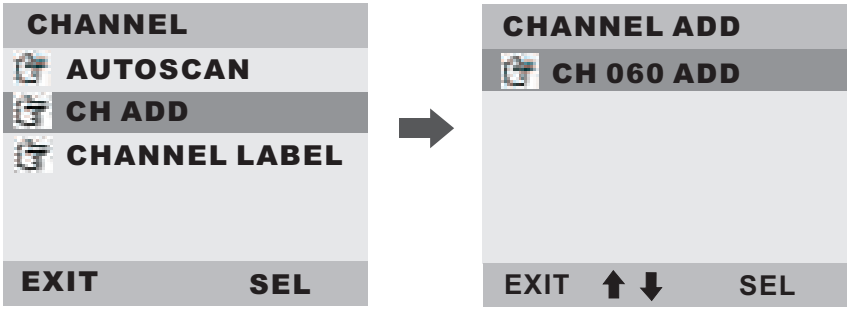
For example to add CH60

- Please use IR control to select CH60
- Then enter the CHANNEL menu. Use "↑" or "↓" button to access CH ADD
- Confirm CH ADD by pressing the "Select" button at your IR control

⑤ When you are finished making all ADD or REMOVE setting in **CH ADD/REMOVE** sub-menu, press "**Exit**" button back to **CHANNEL** sub-menu, press "**Exit**" button again back to main menu.



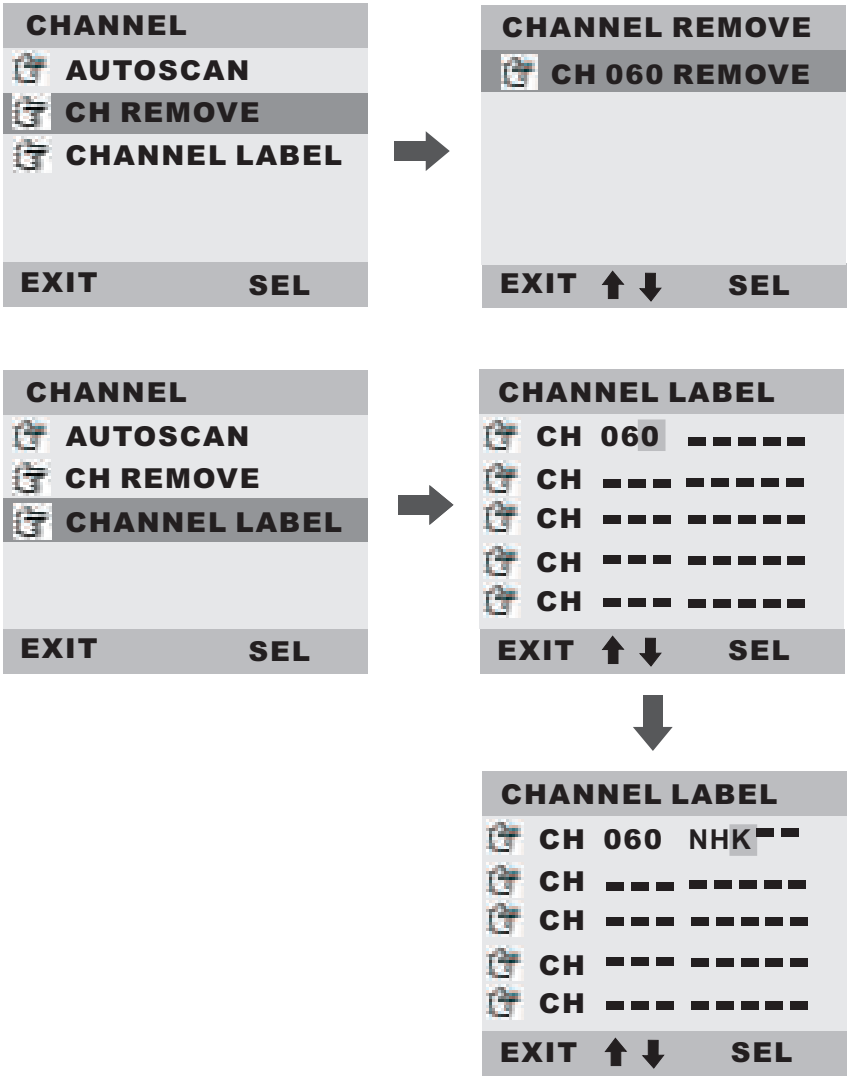
✻ Autoscan function is available on partial NTSC & PAL system market.



⑤ To select the **CHANNEL LABEL**, press " ↑ " or " ↓ " up/down arrows.

⑥ Press " ← ", " → " left/right arrows to highlight the selected column, then press " ↑ " and " ↓ " up/down arrows to pick a numeral or character. Repeat the same procedure to input channel number and channel label.

⑦ When all desired labels are finished, press "**Exit**" again to return to the MAIN MENU.



Chapter 4 Other Information

4.1 Troubleshooting

Symptom	Solution
No picture on monitor	● Make sure the power cord is connected to AC outlet, DC plug is connected to DC IN port and the power is on. ● Check the connection of your source signal.
The IR control can't control product	● Make sure if batteries installed are not weak batteries

✻ If you still have difficulties that you can't resolve using the tips described above, please unplug and plug in the AC cord to reset your product. Otherwise, please

4.2 Specifications

POWER	12VDC 1.2A OUTPUT
VIDEO INPUT	Composite video RCA connector
S-VIDEO INPUT	S-Video 4-pin mini DIN
AUDIO INPUT	Stereo L+R RCA connectors
PHONE IN	Phone Jack 3.5 ϕ
PHONE OUT	Phone Jack 3.5 ϕ
RF IN	F-Female connector for NTSC system IEC-Female connector for PAL D/K System
VGA INPUT	D-Sub 15 pin Male connector
VGA OUTPUT	D-Sub 15 pin Female connector
Power Consumption	15W nominal
Operating Temperature	5℃ ~ 45℃
Operating Humidity	5% ~ 80%
Dimensions	231.50 x 156.65 x 36.80 mm
Weight	Around 490g
IR Control	28 Buttons (AAA batteries x2)

Safety :

- クラスB情報技術装置

この装置は、情報処理装置等電波障害自主規制協議会(VCCI) の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することくを目的としていますが、この装置が、ラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。